

## **Interplex Etch Logic**

Reel-to-Reel Etching

# **Filtration**

### **From Coil**

Continuous etching produces high strength metal filtration parts, while maintaining extremely close tolerances and a high degree of repeatability.

## **To Class 100 Exposure**

Unlike panel etched parts, reel-to-reel etching allows for secondary processing. Parts can be easily formed, plated or insert molded using various type of equipment.

#### **Continuous Etch Line**

One distinguishing capability is the "flat-line" process control system which continually monitors over 160 critical process points in real time and maintains the process conditions within a narrow band at all times.



Automotive



Mil-Aero/ Industrial



Consumer



Medical

Filtration devices made to your specifications.













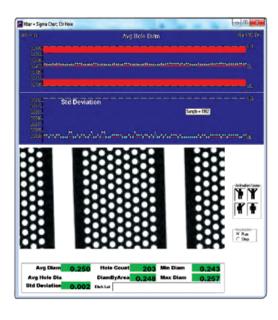
Interplex Etch Logic's process can utilize many material options.

See our website for a complete material list.



#### **ADDRESS**

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## **Etch Process Monitoring**

Interplex Etch Logic utilizes in-line SPC to assure that the process is well controlled.

A vision camera captures and digitizes mesh areas, reports number of holes in the FOV, measures largest and smallest holes and reports average hole size along with calculated standard deviation.

These inputs are displayed in a real time SPC chart, helping us visualize the "Flat-Line" process control we have designed into our equipment capability.

## **Engineering & Development**

Let Interplex Etch Logic support your engineering design team with application expertise. Various hole patterns can be utilized to achieve open area ratios to meet your requirements. Design templates (round, square, hex) can be provided to assist in filtration pattern development. See example below:

